

堇叶芥属(十字花科)一新种*

何顺志

蓝永珍

(贵州省中药研究所, 贵阳 550002)

(江苏植物研究所, 南京 210014)

A NEW SPECIES OF *NEOMARTINELLA* PILGER (CRUCIFERAE) FROM GUIZHOU, CHINA

He Shun-zhi

(Guizhou Institute of Chinese Materia Medica, Guiyang 550002)

Lan Yong-zhen

(Jiangsu Institute of Botany, Nanjing 210014)

Key words *Neomartinella*; *N. guizhouensis*

关键词 堇叶芥属; 贵州堇叶芥

贵州堇叶芥 新种 图 1

Neomartinella guizhouensis S. Z. He et Y. C. Lan, sp. nov.

Species affinis *N. violifoliae* (Lévl.) Pilger, sed caulibus 2~3, racemorum rhachidibus et pedicellis fructiferis pilosis, petalis apice truncatis, racemis inferne foliaceo-bracteatis, siliquis et pedicellis fructiferis curvatis vel pendulis differt.

Herba annua. Radix crassa, 1~3 cm longa, 2~5 mm crassa, radicellas fibrosas edens. Caules 2~3, simplices, 35~55 cm alti, retro-pilosi. Folia simplicia, basalia et caulina. Folia basalia longe petiolata, petiolis 9~16 cm longis, basi paulo dilatatis; laminae cordatae vel ovato-cordatae, glabrae, 5~9 cm longae, 4~7 cm latae, apice acutae vel acuminatae, basi cordatae, margine rotundo-dentatae vel undulatae, venis primariis excurrentibus, dentibus ad apicem mucronatis. Folia caulina breviter petiolata, petiolis 2~5 cm longis; laminae triangulo-cordatae, 3~5 cm longae, 2~3 cm latae, apice angustatae, basi cordatae, subcordatae vel aperte cordatae. Racemi terminales, 10~24 cm longi, inferne foliaceo-bracteati, rhachidibus retro-pilosis, bracteis anguste ovatis vel lanceolatis, 1.5~4 cm longis, 0.5~1.5 cm latis, apice acutis, basi subcordatis vel rotundatis; pedicelli 3~7 mm longi; sepala ovata, viridula, 2.5~3 mm longa, circ. 1.3 mm lata, trinervia, margine membranacea, glabra; petala alba anguste ovata, 3~5 mm longa, circ. 1.2 mm lata, apice fere truncata, basi in ungues contracta; stamina 2 breviora circ. 1.6 mm longa, 4 longiora circ. 1.8 mm longa,

* 1995-07-26 收稿。

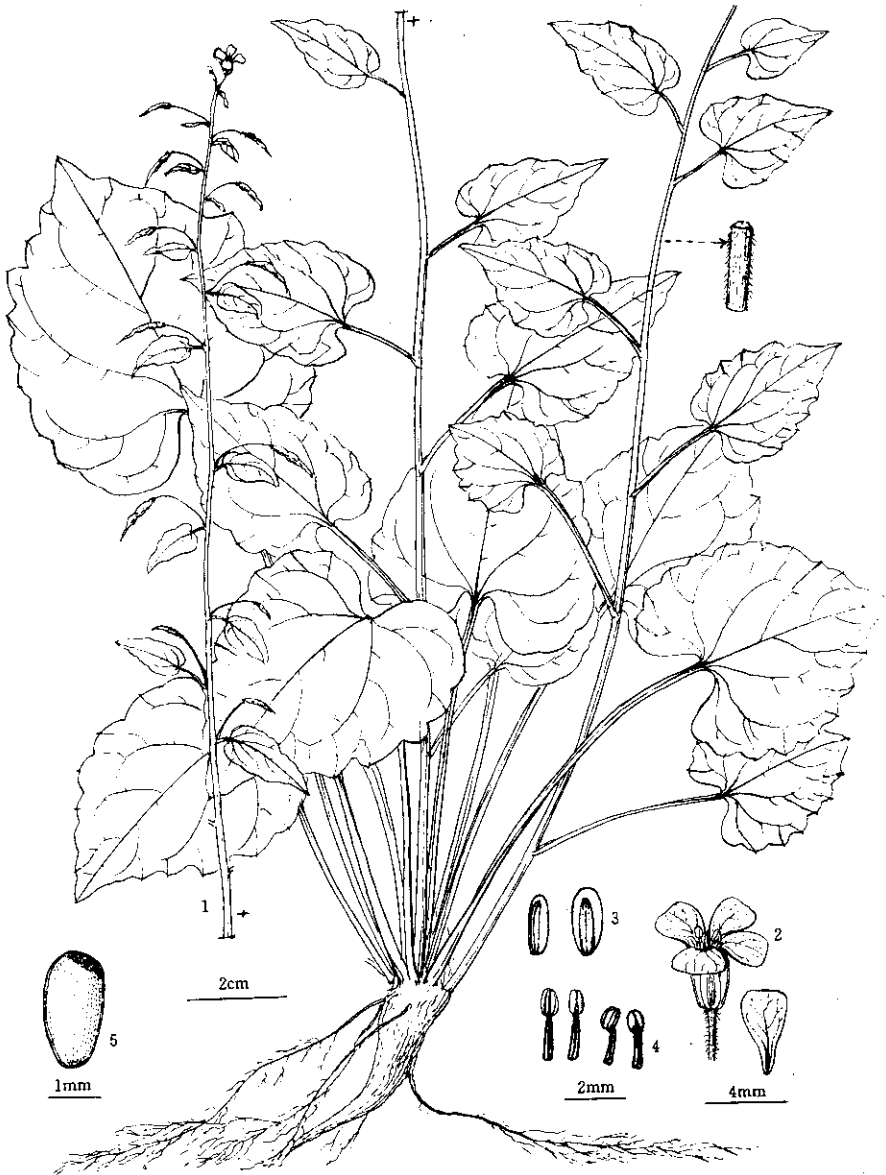


图1 贵州基叶芥 1. 植株; 2. 花; 3. 萼片; 4. 雄蕊; 5. 种子。(史渭清绘)
Fig.1 *Neomartinella guizhouensis* 1. plant; 2. flower; 3. sepal; 4. stamen; 5. seed.

filamentis complanatis, basi subdilatis; ovarium anguste ellipticum circ. 2 mm longum; stylus circ. 1 mm longus, stigmate capitato. Siliquae compressae, saepe curvatae, 1.2~2 cm longae, circ. 2 mm latae, rostratae rostris 1.5~3.5 mm longis, glabrae; pedicelli fructiferi 1.3~2.2 cm longi, curvati, retro-pilosi. Semina 3(4) per loculum, ellipsoidea compressa, circ. 3 mm longa, circ. 1.5 mm lata, superficis reticulato-striata, brunnea, cotyledonibus conduplicatis.

Guizhou (贵州): Jinsha (金沙), Datian (大田), under forests in valley, alt. 1100 m, 1994-04-13, S. Z. He (何顺志) 94013 (holotype, HGCM* ; isotype, NAS.)

一年生草本;主根粗壮,长1~3 cm,直径2~5 mm,具须根;茎2~3,从根处的叶腋生出,不分枝,高35~55 cm,被倒生柔毛。单叶,基生和茎生。基生叶具长柄,柄长9~16 cm,叶柄基部稍扩大,叶片心形或卵状心形,无毛,长5~9 cm,宽4~7 cm,先端短尖或渐尖,基部心形,边缘具圆齿或波状,叶脉进入齿端,每齿端处均具短尖头;茎生叶具短柄,柄长2~5 cm,叶片通常三角状心形,长3~5 cm,宽2~3 cm,先端狭渐尖,基部心形、近心形或阔心形。总状花序顶生,长10~24 cm,下部具叶状苞片,花序轴被倒生柔毛。苞片狭卵形或披针形,长1.5~4 cm,宽0.5~1.5 cm,先端锐尖,基部近心形圆形。花柄长3~76 mm;萼片卵形,淡绿色,长2.5~3 mm,宽约1.3 mm,具3脉,边缘膜质,无毛;花瓣白色,狭卵形,长3~5 mm,宽约1.2 mm,先端近平截,基部渐狭呈爪;短雄蕊2,长约1.6 mm,长雄蕊4,长约1.8 mm,花丝扁平,向基部稍扩大;子房狭椭圆形,长约2 mm,花柱长约1 mm,柱头头状。长角果两侧压扁,略弧形弯曲,长1.2~2 cm,宽约2 mm,喙长1.5~3.5 mm,光滑无毛;果梗长1.3~2.2 cm,弯曲,被倒生柔毛。种子每室3(4)粒,椭圆形,压扁,长约3 mm,宽约1.5 mm,表面有细网纹,褐色,子叶对折。花果期4~6月。

本种与堇叶芥 *N. violifolia* (Lévl.) Pilger 相近,但本种茎2~3,花序轴及果梗均被柔毛,花瓣顶端近平截,总状花序下部具叶状苞片,果梗及长角果通常弯曲或下垂等而易于区别。

该种植物叶缘每齿端有小尖头,果梗弯曲,依这些特征将它放在堇叶芥属 *Neomartinella* Pilger 比较恰当。过去该属仅一种,现补充描述堇叶芥属的特征。

一年生或多年生草本,具根状茎,主根粗状。茎有或无。单叶,基生或茎生,有叶柄,叶心形或肾形,边缘具圆齿或波状,顶端微凹,具小尖头。总状花序。萼片分离,卵形;花瓣白色,倒卵形或狭卵形,顶端稍平截或深凹,向基部渐狭呈爪或渐尖;雄蕊6,长雄蕊基部呈翅状或扁平,花药短,卵形;侧生蜜腺半环状,中央蜜腺近似圆形突起;雌蕊狭椭圆形或长椭圆形。长角果线形,两侧压扁,果瓣略膨大,具细中脉,果梗弯曲或斜升。种子每室1行,卵形或椭圆形,有或无边缘。

* 贵州省中药研究所标本室。